Stream Bank Erosion Contributions to Sediment Loads in Jordan Creek, Alaska: DWSM-BE Based ALASKA VA/ Assessment

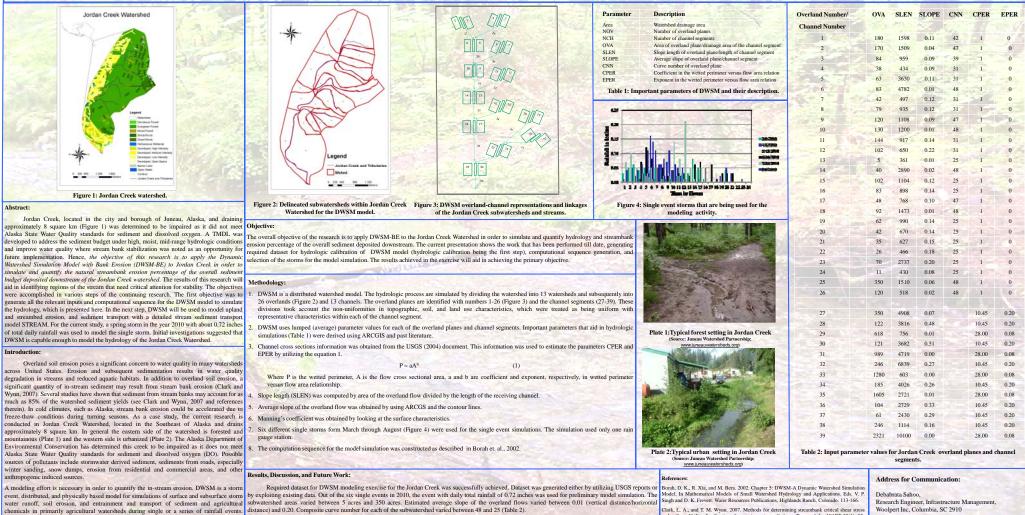
WOOLPERT

STREAM is detailed stream/river sediment transport model simulating stream/river bed and

bank erosion, bed armoring, and transport of graded (non-uniform) sediment in streams and

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DESIGN GEOSPATIAL INFRASTRUCTURE 1 Woolpert, Inc., Columbia, SC; ²University of Alaska Fairbanks, AK; ³Woolpert, Inc., Chesapeake, VA; ⁴Alaska Department of Environmental Conservations, Juneau, AK.



Results/inputs from this exercise will be used to achieve the next objective. The generated model output i.e., runoff will be used for hydrologic calibration 106. of the model. After that DWSM-BE model will be developed for Jordan Creek

and soil erodibility: Implications for erosion rate predictions. Trans. of the ASABE 50(1): 95 Host, R. H., and E. G. Neal. 2004. Baseline characteristics of Jordan Creek, Juneau, Alaska Report by U. S. Department of Interior. U. S. Geological Survey. 2004-1220

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